



Environmental Explosives



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Since the Chinese first mixed gun powder, people have been devising ways of harnessing it's power to move mountains in the name of progress, or to keep enemies at bay. For more than a century many parts of the world have been littered with un-exploded ordinances. Bombs, shells, and land mines create a current and future threat to ourselves and our kids. DPS has configured the Explosives Analyzers to identify the nature and type of explosive. We have specifically designed the portable and rugged Companion 1 GC to help detect explosives in the field. The sensitive TID detector is ideal for identifying the nitrosamines and nitro-aromatic compounds responsible for the deadly nature of the ordinances. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Explosives GC Analyzer Systems are small, lightweight, and rugged to go where ever you need them. All DPS systems are modular for expandability, upgrades, and easy service.



Series 600 GC

Available Configurations Include:

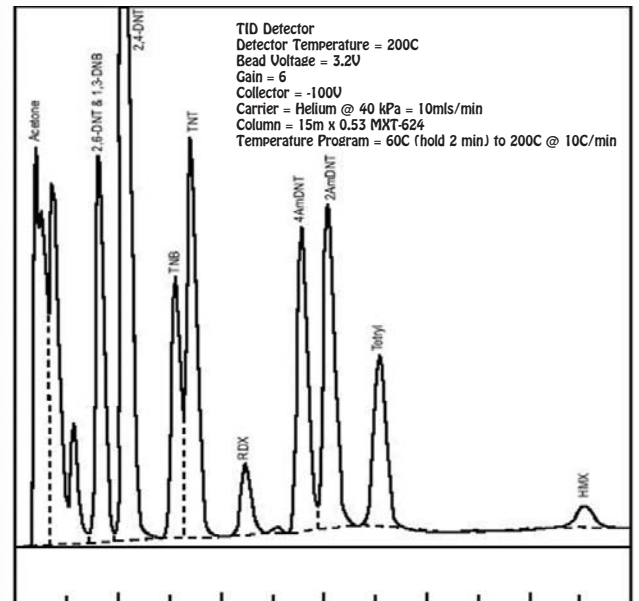
- 600-C-023 – Series 600 Explosives GC Analyzer (TID, 15m)
- 500-C-023 - Companion 1 Portable Explosives GC Analyzer (TID, 15m)

Explosives Analytes



Companion 1 Portable GC

Peak	Component
1	2,6-Dinitrotoluene & 1,3-Dinitrobenzene
2	2,4-Dinitrotoluene
3	1,3,5-Trinitrobenzene
4	2,4,6-Trinitrotoluene
5	Hexahydro-1,3,5-trinitro-1,3,5-triazine
6	4-Amino-4,6-dinitrotoluene
7	2-Amino-2,6-dinitrotoluene
8	2,4,6-Trinitrophenylmethylnitramine
9	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine



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Specifications may change without notice.